

DEHYDROPHENYLHISTINS AND ANALOGS THEREOF AND THE
SYNTHESIS OF DEHYDROPHENYLHISTINS AND ANALOGS
THEREOF

Hayashi, Yoshio

Appl. No.: Not Assigned Atty Docket: NEREUS.062A

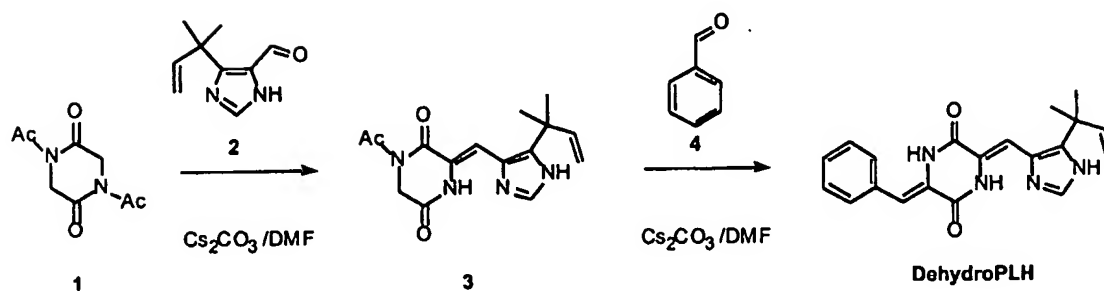


Figure 1

DEHYDROPHENYLHISTINS AND ANALOGS THEREOF AND THE
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HPLC conditions:

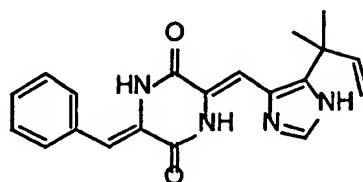
Column: YMC-Pack ODS-AM
(20 X 250 mm)

Gradient: 50% to 100% MeOH
in H₂O for 30 min

Flow rate: 12 mL/min

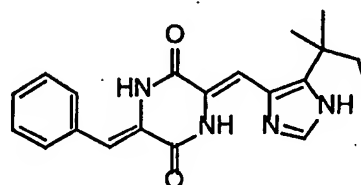
O.D.: 230 nm

dehydroPLH



60% (isolate yield by HPLC)

E-form



reduced derivative

E-form of reduced derivative

FIG. 2

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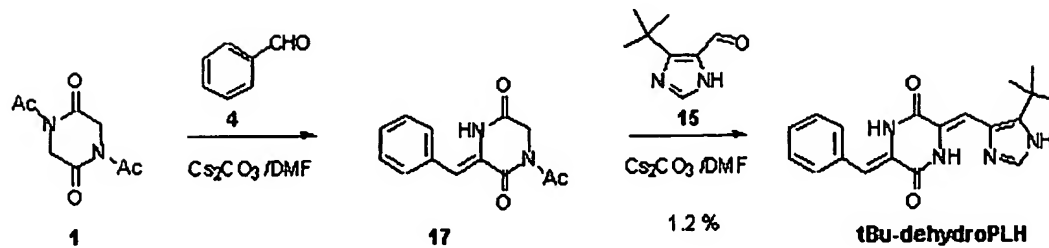


Figure 3

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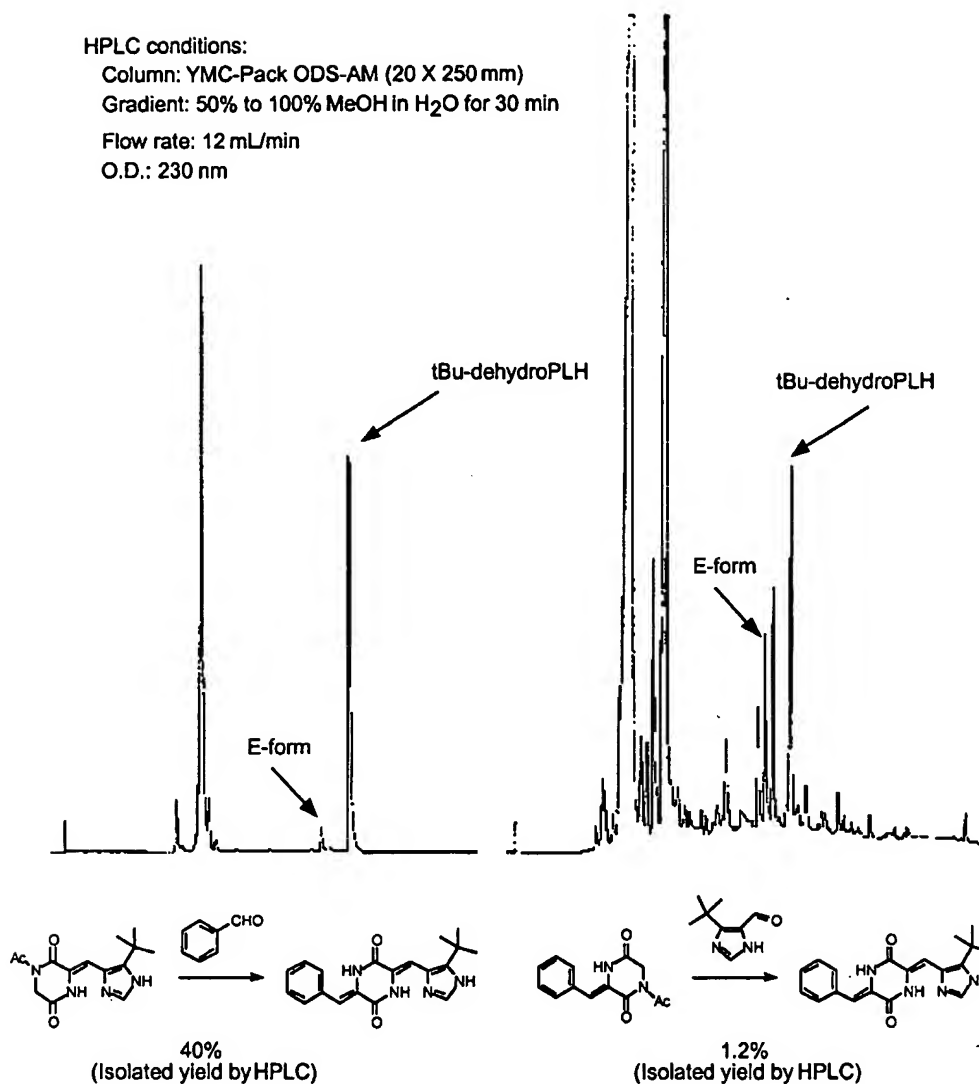


Figure 4

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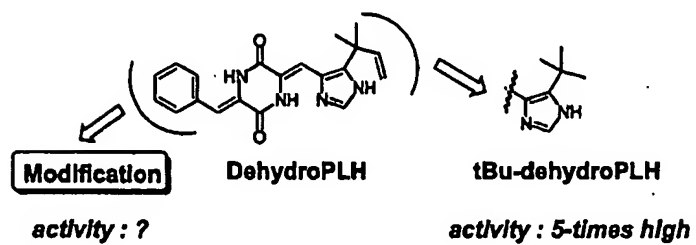


Figure 5

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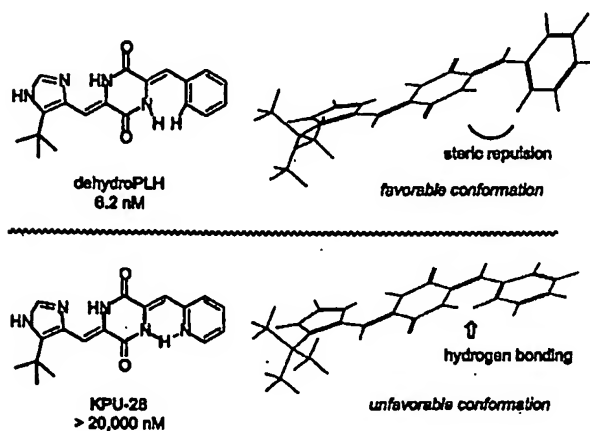


Figure 6

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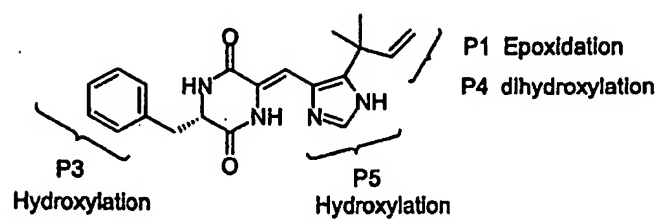


Figure 7

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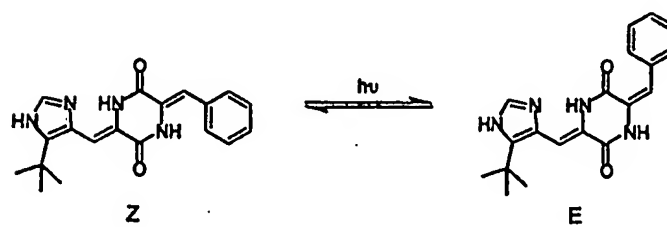


FIGURE 8

DEHYDROPHENYLHISTINS AND ANALGS THEREOF AND THE
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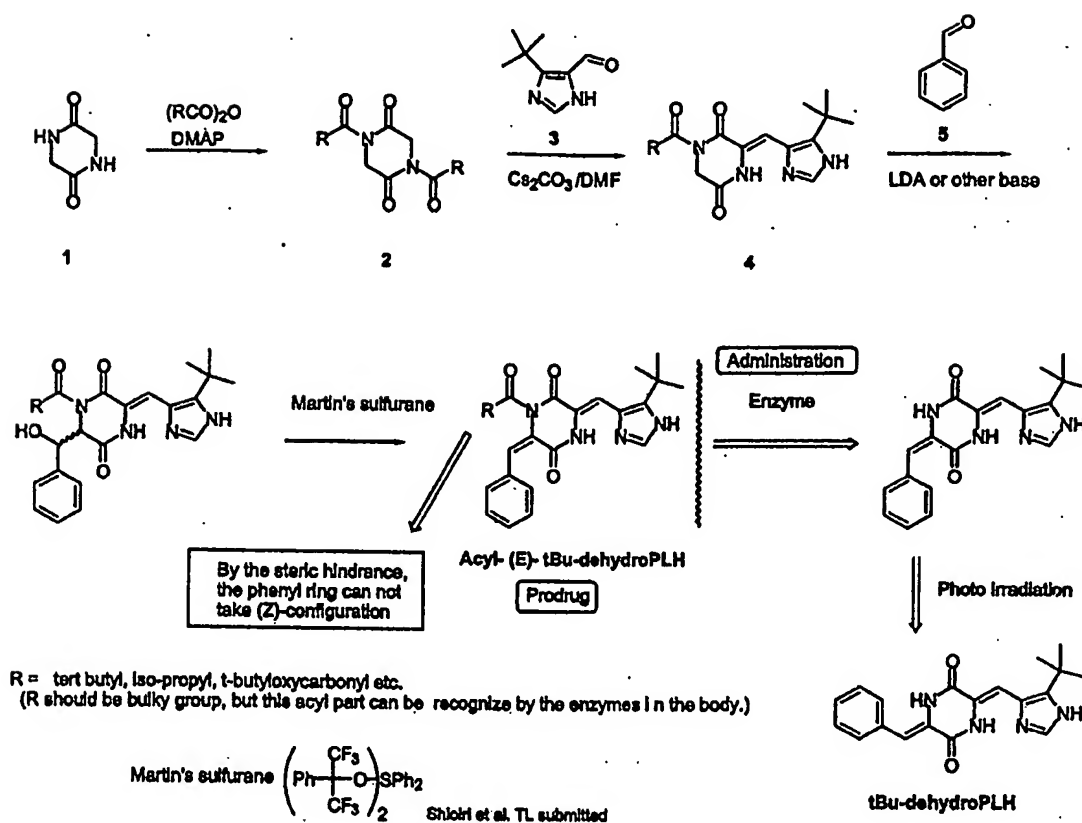


FIGURE 9

DEHYDROPHENYLHISTINS AND ANALOGS THEREOF AND THE
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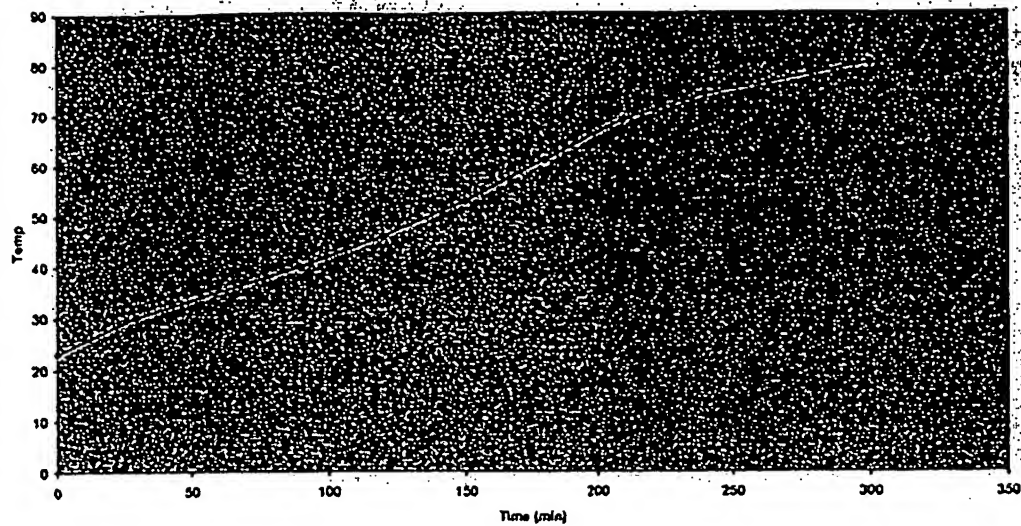


Figure 10

DEHYDROPHENYLHISTINS AND ANALOGS THEREOF AND THE
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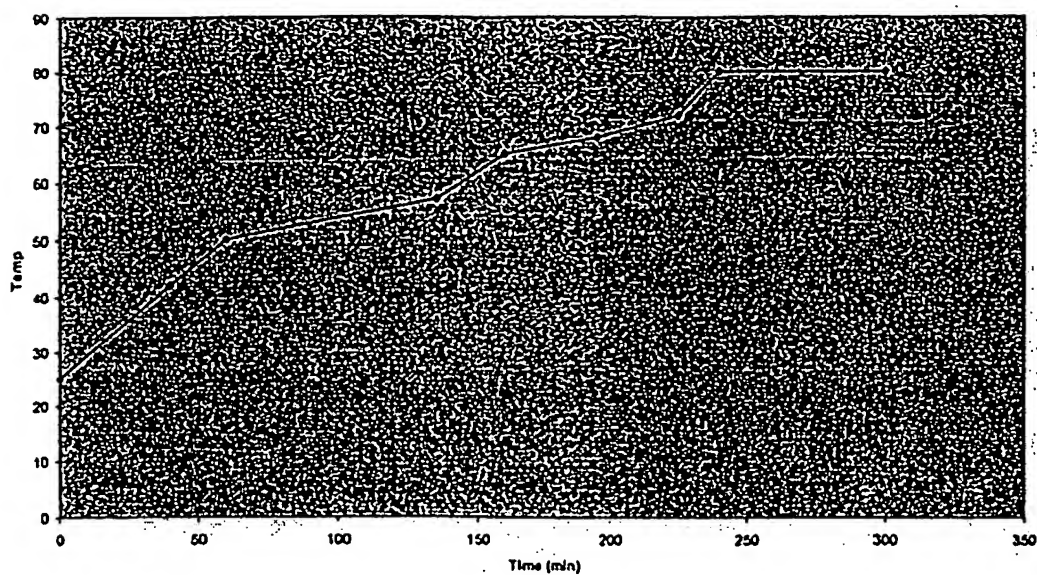


Figure 11

DEHYDROPHENYLHISTINS AND ANALOGS THEREOF AND THE
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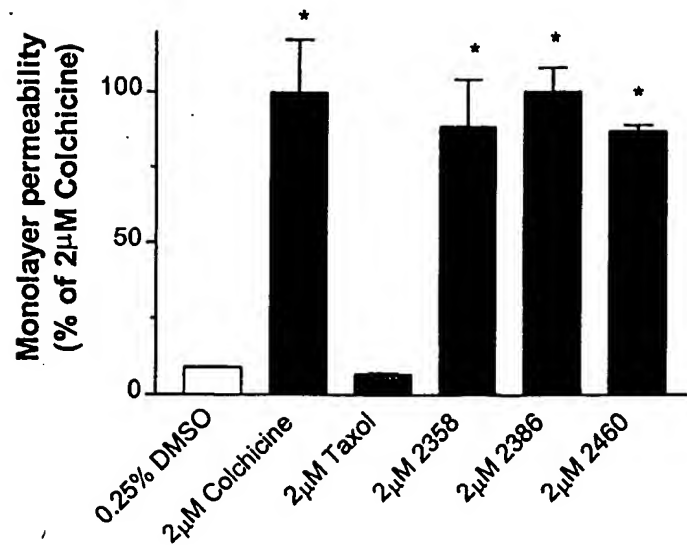
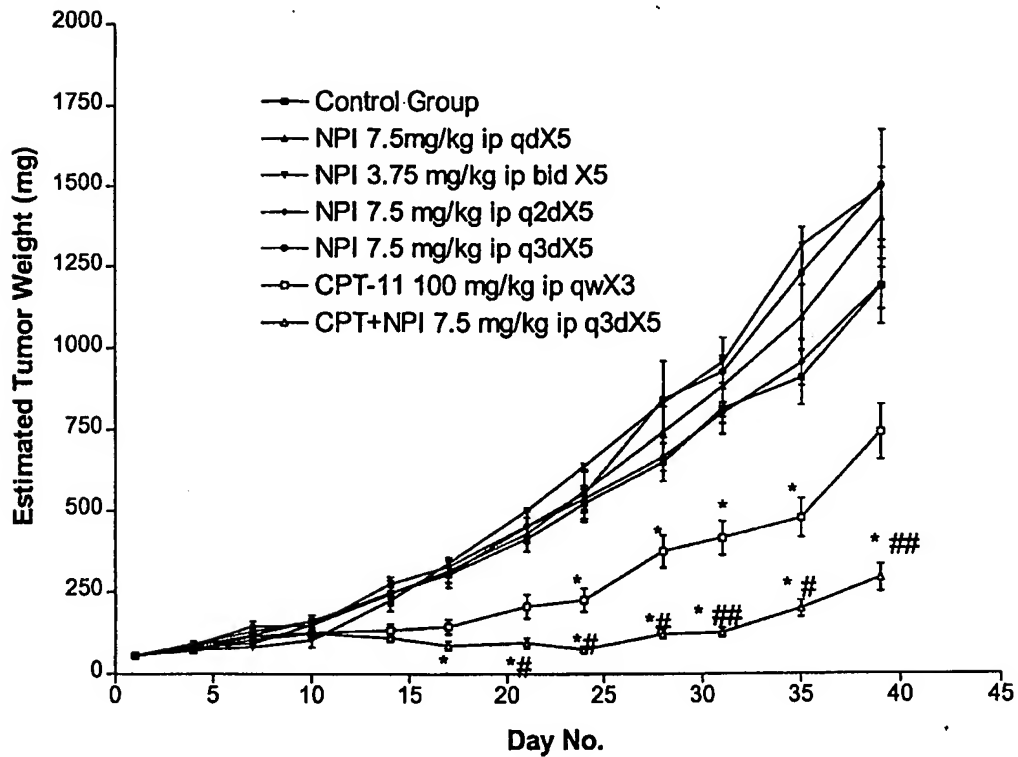


Figure 12

DEHYDROPHENYLHISTINS AND ANALOGS THEREOF AND THE
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* p<0.01 vs Control

p<0.05 vs CPT Alone

##p<0.01 vs CPT Alone

Figure 13

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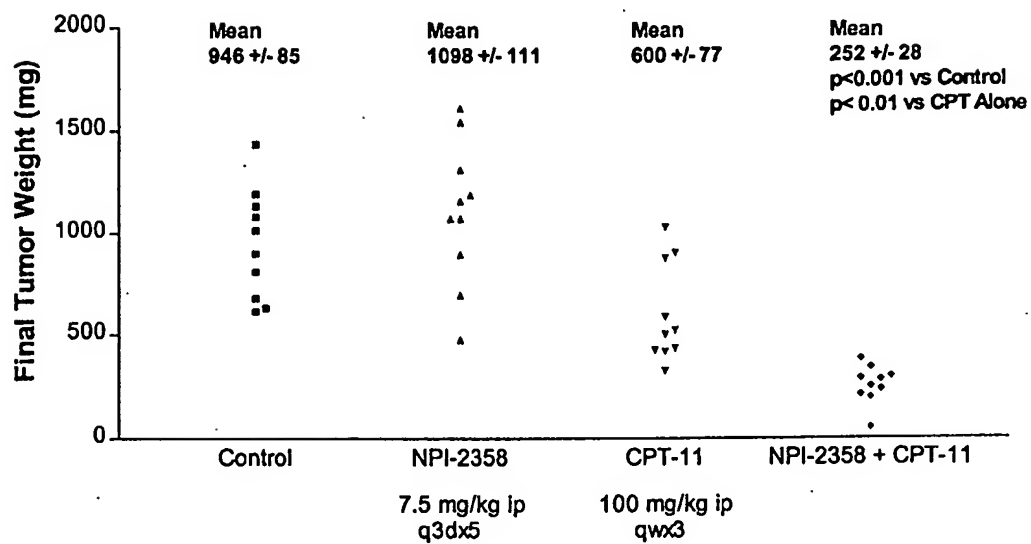
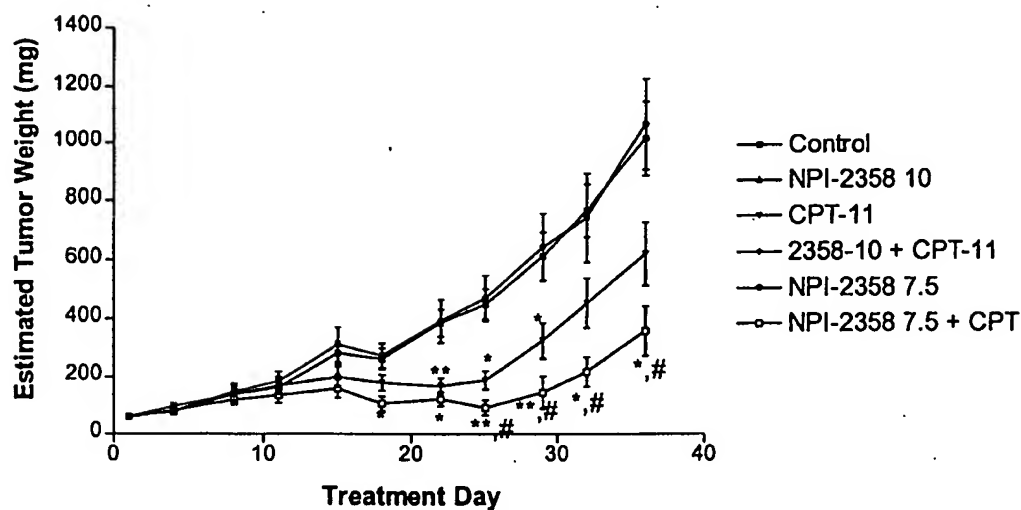


Figure 14

DEHYDROPHENYLHISTINS AND ANALOGS THEREOF AND THE
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* $p < 0.05$ vs Control ANOVA

** $p < 0.01$ vs Control ANOVA

$p < 0.05$ vs CPT Alone t-test

Figure 15

DEHYDROPHENYLHISTINS AND ANALOGS THEREOF AND THE
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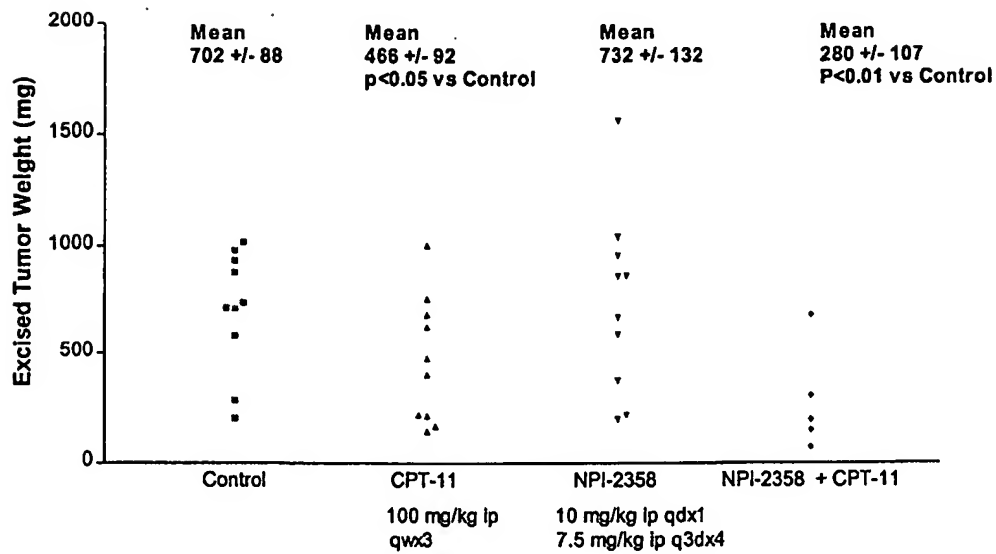


Figure 16

DEHYDROPHENYLAHISTINS AND ANALOGS THEREOF AND THE
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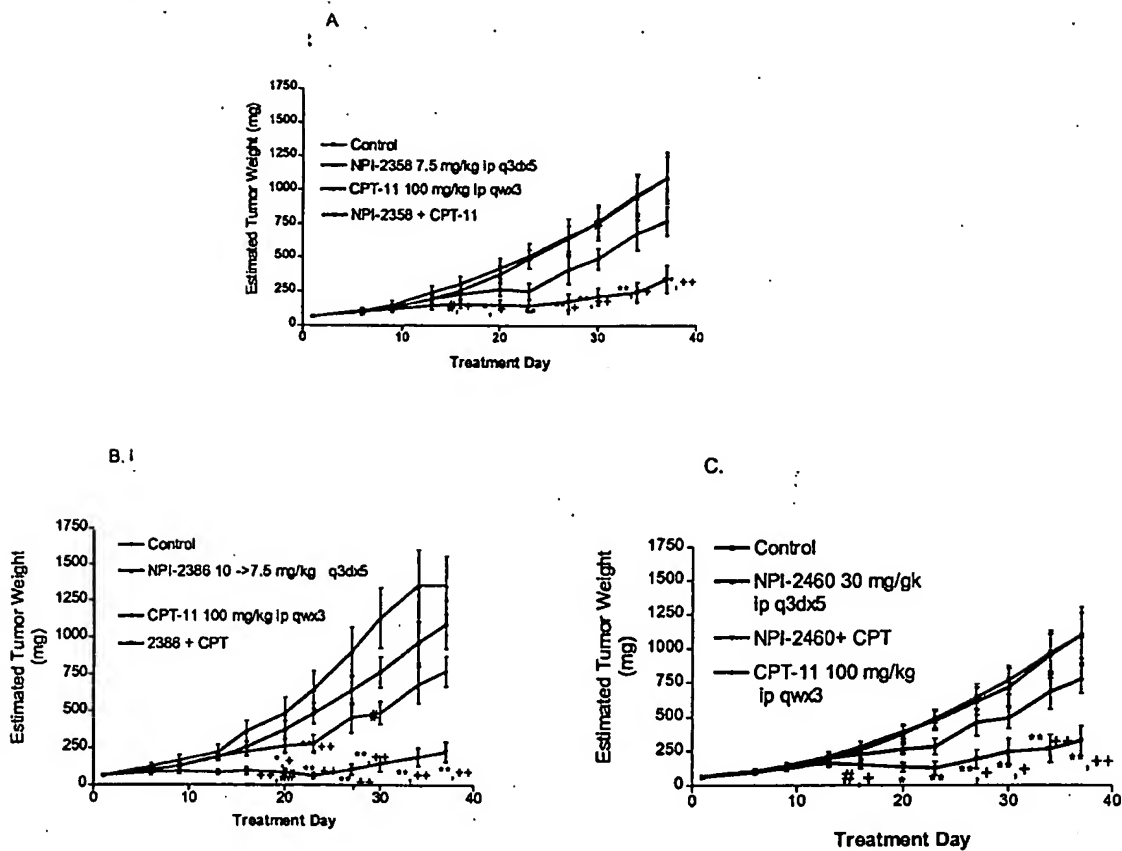


Figure 17

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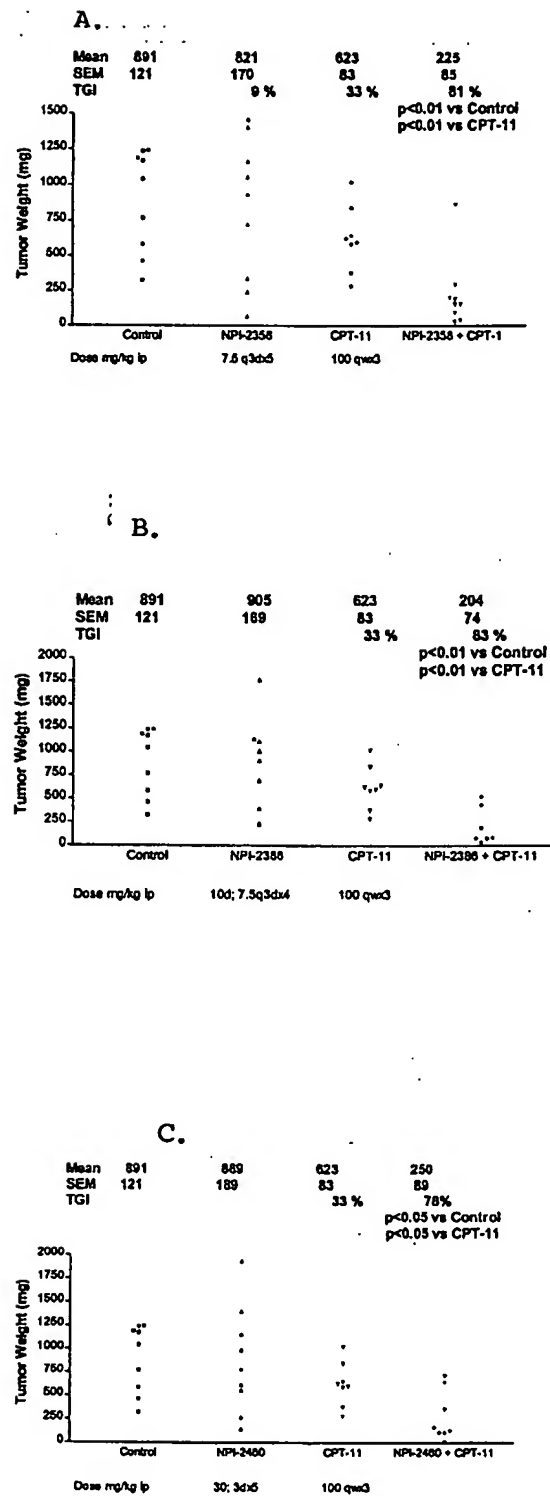


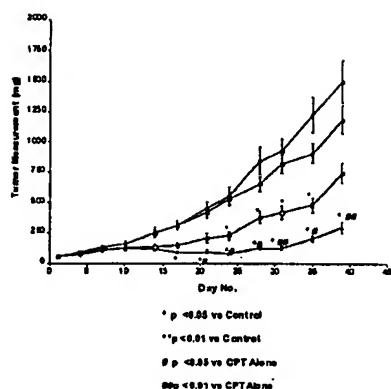
Figure 18

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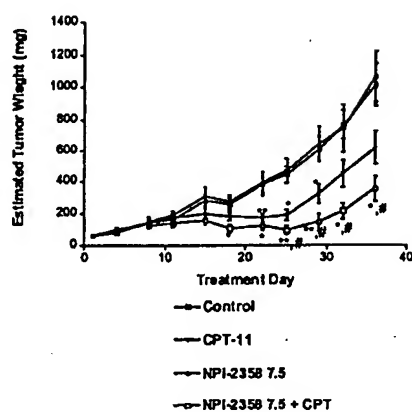
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Study 2164



Study 2288



STUDY 2139

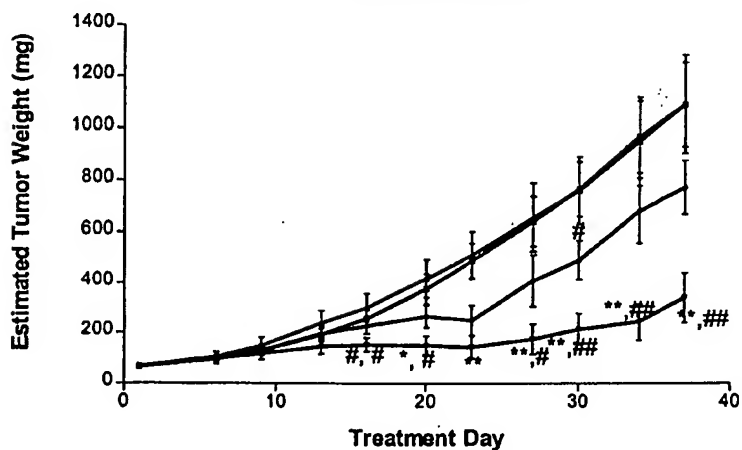


Figure 19

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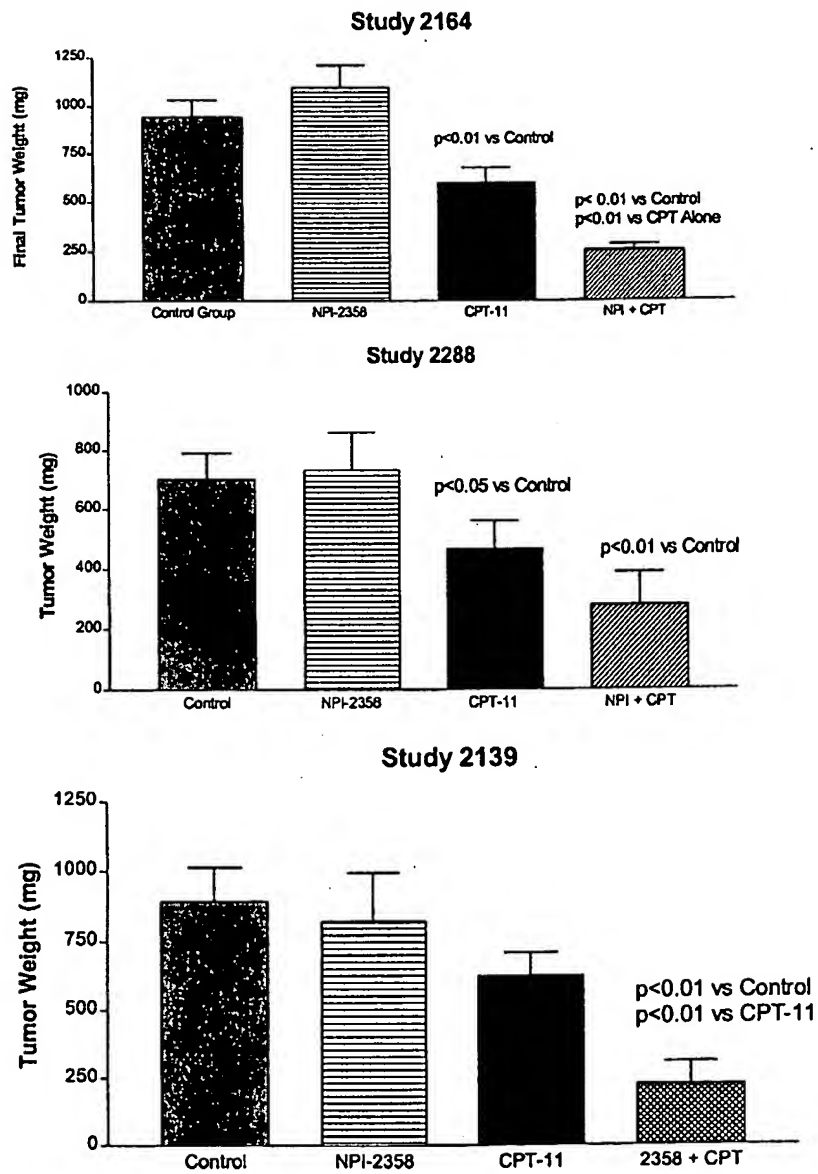


Figure 20

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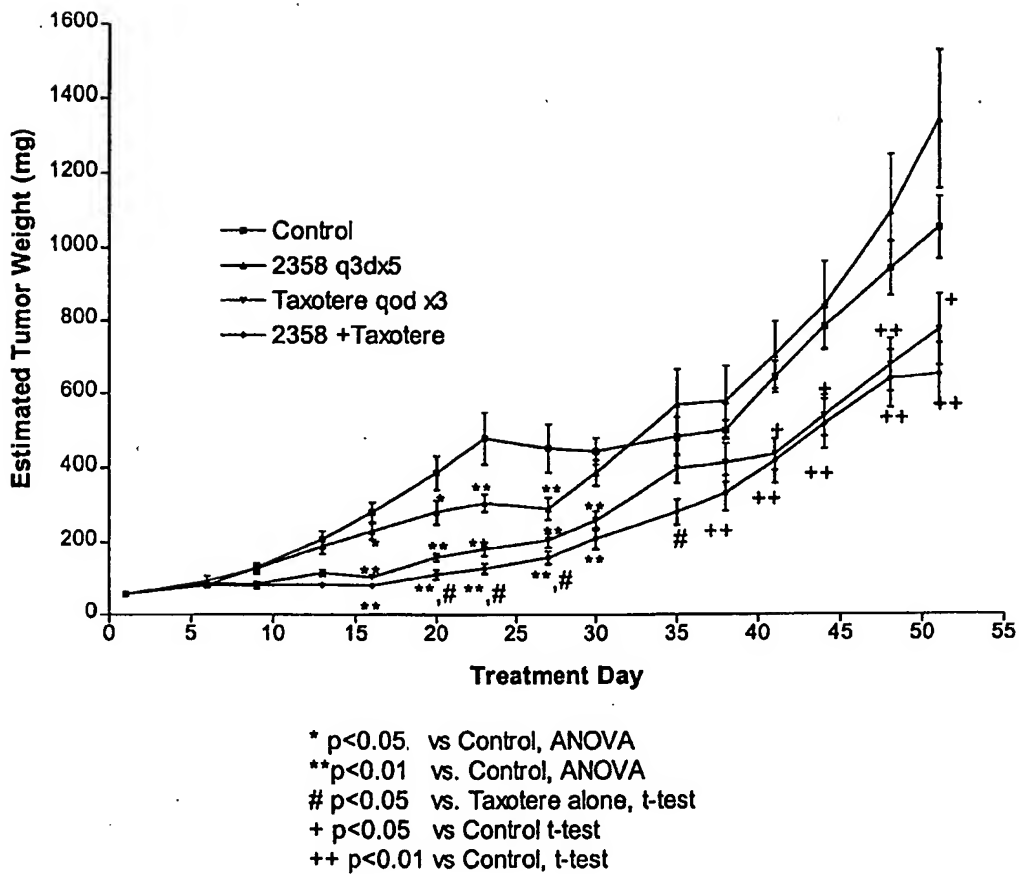


Figure 21

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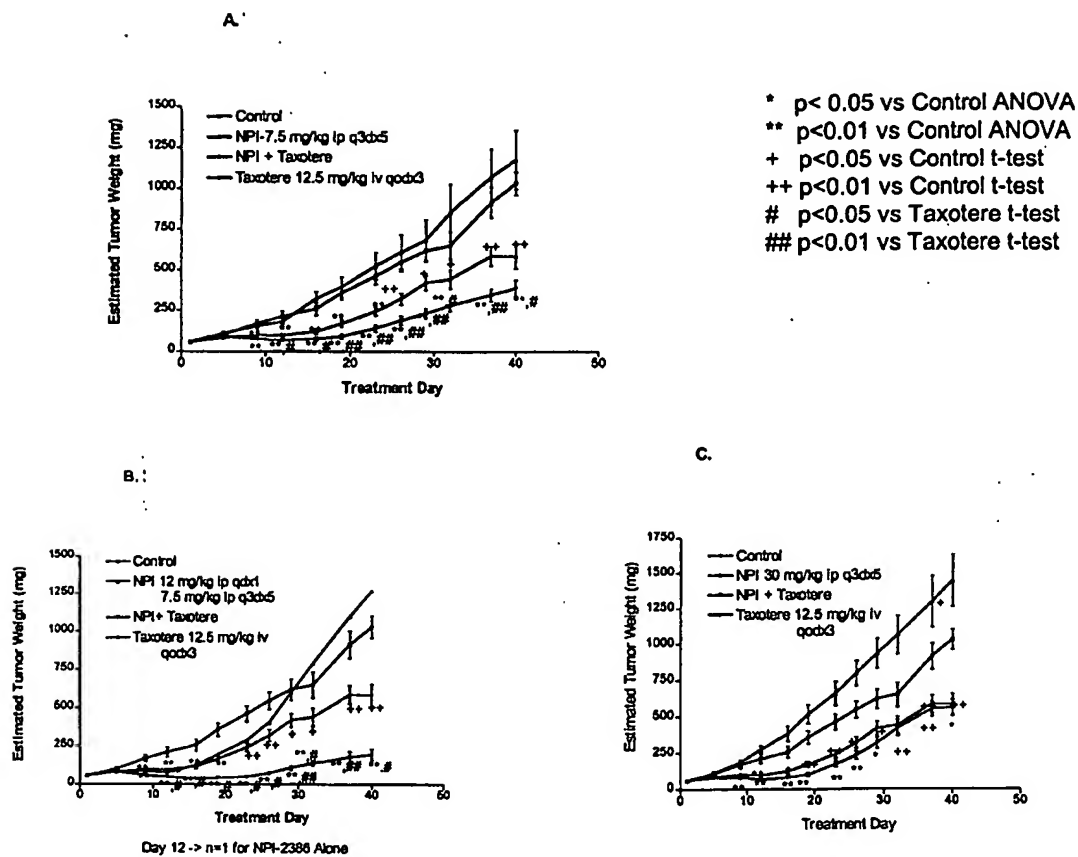


Figure 22

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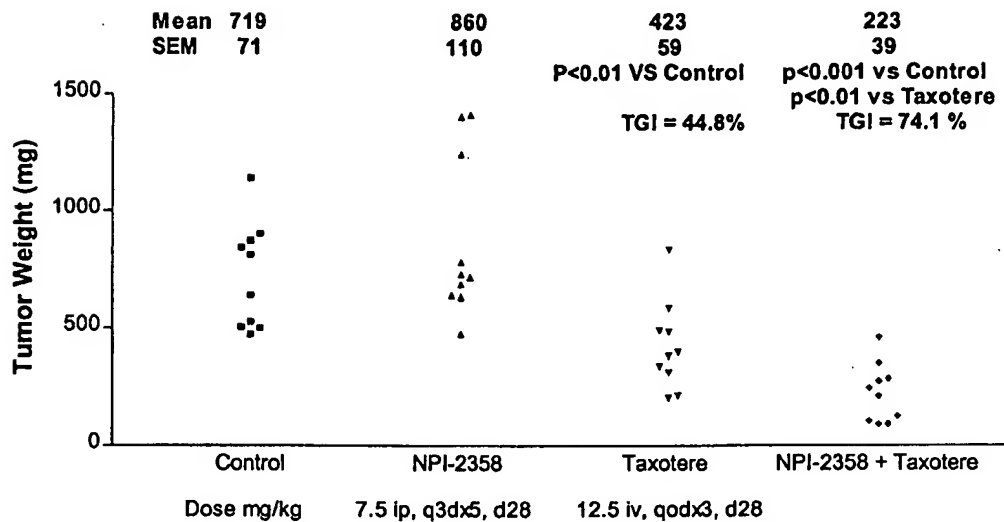


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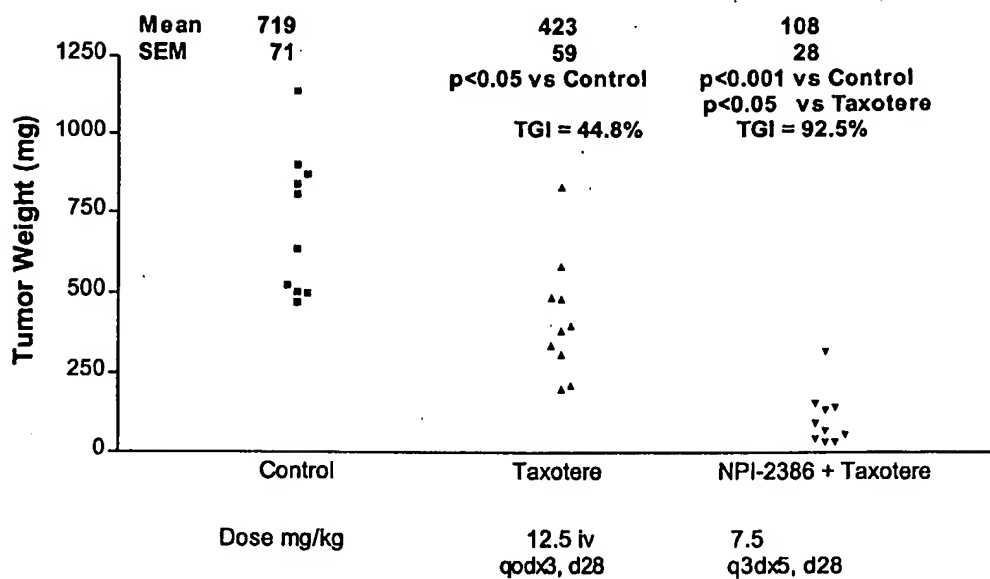


Figure 24

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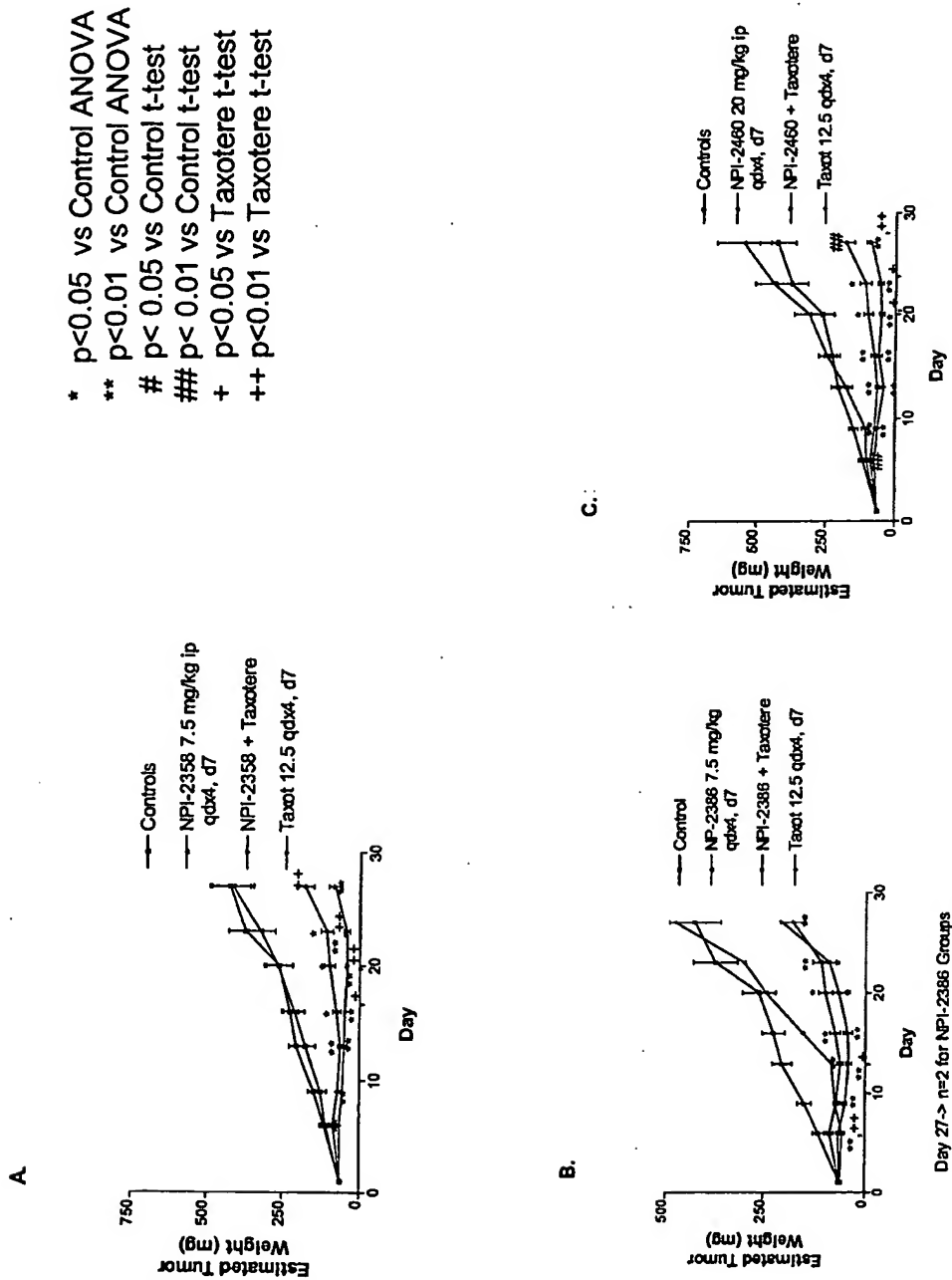


Figure 25

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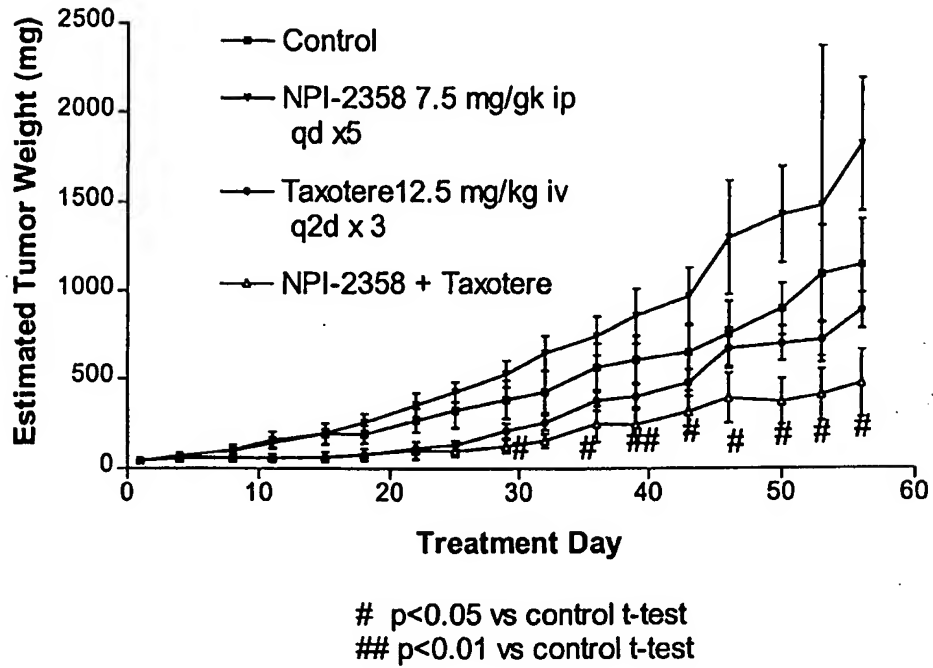


Figure 26

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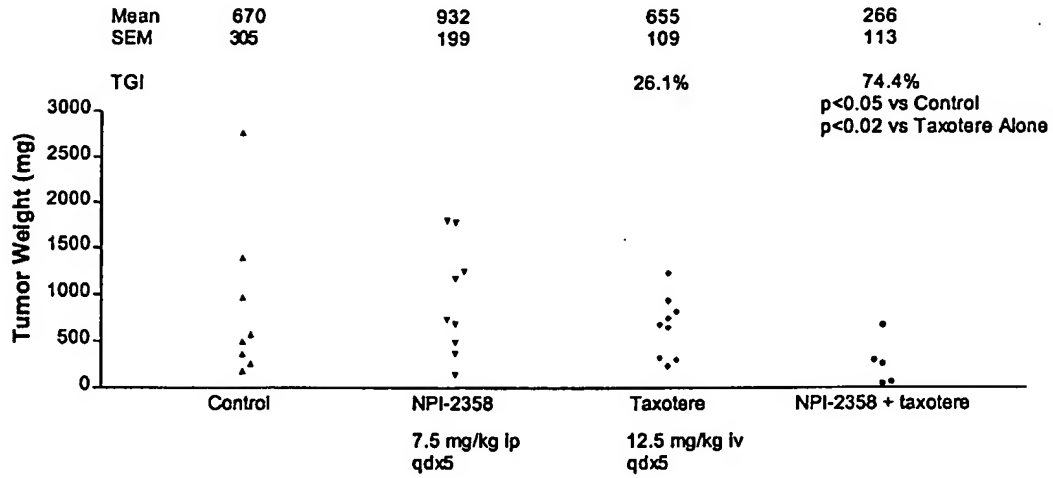


Figure 27

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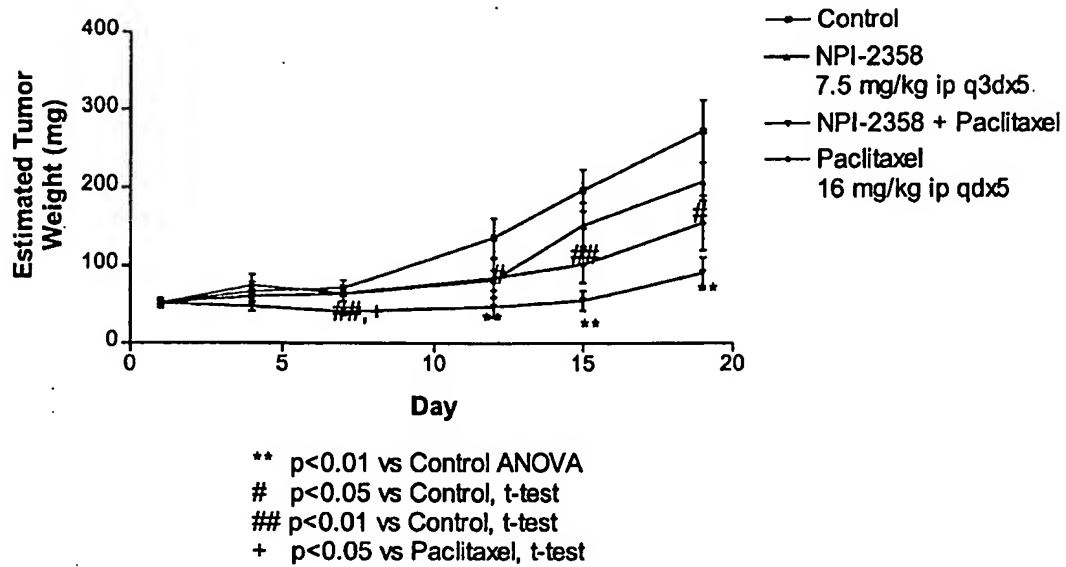


Figure 28

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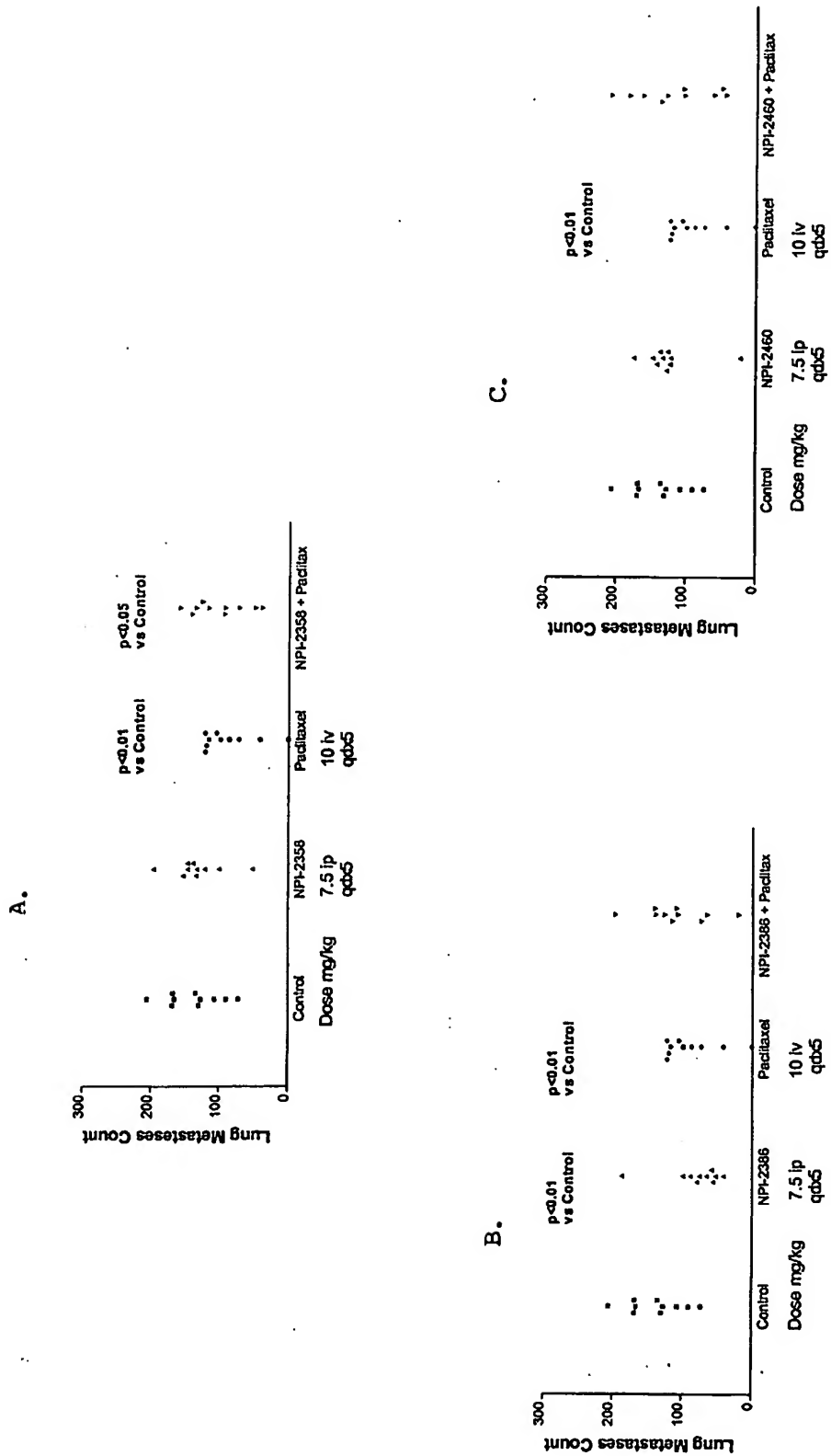


Figure 29